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| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>10550058 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>TSUJI ET AL. |
|  | <b>Examiner</b><br><br>Gallis, David E         | <b>Art Unit</b><br><br>1625  |

| SEARCHED |          |         |          |
|----------|----------|---------|----------|
| Class    | Subclass | Date    | Examiner |
| 585      | 600      | 8/9/07  | Gallis   |
| 585      | 435      | 8/13/07 | Gallis   |
| 549      | 529      | 8/13/07 | Gallis   |

| SEARCH NOTES  |         |          |
|---|---------|----------|
| Search Notes  | Date    | Examiner |
| EAST - Class/subclass and (methyl styrene or methylstyrene) and dehydration   | 8/9/07  | Gallis   |
| EAST - 2-phenyl-2-propanol and dehydration; epoxidation and byproduct\$ and propylene oxide and (formic or acetic or propionic)   | 8/9/07  | Gallis   |
| EAST - cumyl alcohol and dehydrate and alumina and acid   | 8/7/07  | Gallis   |
| EAST - cited patents and applications   | 8/7/07  | Gallis   |
| STN - methyl styrene and cumyl alcohol and (dehydrate or dehydration); benzylic alcohol and (dehydrate or dehydration) cumyl and alcohol and dehydration and alumina; dehydration and alcohol and alumina and "activated alumina" | 8/7/07  | Gallis   |
| STN - structure A and structure B/prep and dehydration and alumina  | 8/8/07  | Gallis   |
| EAST - 549/529 and "cumene hydroperoxide" and "propylene oxide" and "cumyl alcohol"   | 8/13/07 | Gallis   |

| INTERFERENCE SEARCH |          |      |          |
|---------------------|----------|------|----------|
| Class               | Subclass | Date | Examiner |
|                     |          |      |          |